



#5

SEQUENCE LISTING

<110> OLSON, ERIC
SPENCER, JEFFREY A.

<120> METHODS AND COMPOSITIONS FOR STABILIZING MICROTUBULES
IN STRIATED MUSCLE CELLS

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<140> 09/908,988

<141> 2001-07-18

<150> 60/219,020

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gcc att gac ttt ggg aca ggt aaa gga tgt gat gtt aca tgt ttg acc	1306
Ala Ile Asp Phe Gly Thr Gly Lys Gly Cys Asp Val Thr Cys Leu Thr	
325 330 335	
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Phe Glu Arg Gln Arg Ser Ser	
340	
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<212> PRT
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<400> 6

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			20					25					30			
Pro	Val	Val	Ile	Leu	Pro	Cys	Gln	His	Asn	Leu	Cys	Arg	Lys	Cys	Ala	
		35					40					45				
Asn	Asp	Ile	Phe	Gln	Ala	Ala	Asn	Pro	Tyr	Trp	Thr	Asn	Arg	Gly	Gly	
	50					55					60					
Ser	Val	Ser	Met	Ser	Gly	Gly	Arg	Phe	Arg	Cys	Pro	Ser	Cys	Arg	His	
65					70					75					80	
Glu	Val	Ile	Met	Asp	Arg	His	Gly	Val	Tyr	Gly	Leu	Gln	Arg	Asn	Leu	
				85					90					95		
Leu	Val	Glu	Asn	Ile	Ile	Asp	Ile	Tyr	Lys	Gln	Glu	Cys	Ser	Ser	Arg	
		100						105						110		
Pro	Leu	Gln	Lys	Gly	Ser	His	Pro	Met	Cys	Lys	Glu	His	Glu	Asp	Glu	
		115					120						125			
Lys	Ile	Asn	Ile	Tyr	Cys	Leu	Thr	Cys	Glu	Val	Pro	Thr	Cys	Ser	Leu	
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Cys	Lys	Val	Phe	Gly	Ala	His	Gln	Ala	Cys	Glu	Val	Ala	Pro	Leu	Gln	
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Ser	Ile	Phe	Gln	Gly	Gln	Lys	Thr	Glu	Leu	Ser	Asn	Cys	Ile	Ser	Met	
			165						170					175		
Leu	Val	Ala	Gly	Asn	Asp	Arg	Val	Gln	Thr	Ile	Ile	Ser	Gln	Leu	Glu	
		180						185					190			
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	210					215					220					
Ser	Glu	Leu	Leu	Gln	Arg	Ile	Thr	Gln	Glu	Gln	Glu	Glu	Lys	Leu	Gly	
225					230					235					240	
Phe	Ile	Glu	Ala	Leu	Ile	Leu	Gln	Tyr	Arg	Glu	Gln	Leu	Glu	Lys	Ser	
			245						250					255		
Thr	Lys	Leu	Val	Glu	Thr	Ala	Ile	Gln	Ser	Leu	Asp	Glu	Pro	Gly	Gly	
		260						265					270			

Ala Thr Phe Leu Ser Ser Ala Lys Gln Leu Ile Lys Ser Ile Val Glu
275 280 285

Ala Ser Lys Gly Cys Gln Leu Gly Lys Thr Glu Gln Gly Phe Glu Asn
290 295 300

Met Asp Tyr Phe Thr Leu Asp Leu Glu His Ile Ala Glu Ala Leu Arg
305 310 315 320

Ala Ile Asp Phe Gly Thr Gly Lys Gly Cys Asp Val Thr Cys Leu Thr
325 330 335

Phe Glu Arg Gln Arg Ser Ser
340